

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Robert E. Haines

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: DYNAMIC MAPPING OF WIRELESS NETWORK DEVICES

10/15/97  
JC903 U.S. PRO  
10/29/01

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs

under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e), and  
( ) a petition under 37 CFR 1.97(d)(2), and  
( ) a \$180.00 petition fee set forth in 37 CFR 1.17(p).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EL823841297US

Date of Deposit 10-29-01

Respectfully submitted,

Robert E. Haines

By Thomas W. Leffert

Thomas W. Leffert

Attorney/Agent for Applicant(s)

Reg. No. 40,697

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By Thomas W. Leffert

PTO-1449

OF PATENTS AND PUBLICATIONS FOR  
CANDIDATE'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

PATENT APPLICATION  
Sheet 1 of 4ATTY. DOCKET NO.  
10012346-1

APPLICATION NO. CONFIRMATION NO.

APPLICANT  
Robert E. Haines

FILING DATE

GROUP

10/26/01  
5501  
10/26/01  
6051REFERENCE DESIGNATION  
U.S. PATENT DOCUMENTS

REFERENCE ITEM	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1A	4,644,532	2/17/87	George et al.		
1B	4,825,206	4/25/89	Brice, Jr. et al.		
1C	4,914,571	4/3/90	Baratz et al.		
1D	5,185,860	2/9/93	Wu		
1E	5,276,789	1/4/94	Besaw et al.		
1F	5,293,635	3/8/94	Faulk, Jr. et al.		
1G	5,297,138	3/22/94	Black		
1H	5,421,024	5/30/95	Faulk, Jr. et al.		
1I	5,450,408	9/12/95	Phaal		
1J	5,458,123	10/17/95	Unger		
1K	5,481,674	1/2/96	Mahavadi		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION YES NO
1L						
1M						
1N						
1O						
1P						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

Brochure, Hewlett-Packard Company "hp Open View - quick reference guide," 13 pgs. (2001).

1Q		DATE CONSIDERED
1R		
1S		

## PATENT APPLICATION

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
		10012346-1		
		APPLICANT		
		Robert E. Haines		
FILING DATE	GROUP			

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1A	5,548,583	8/20/96	Bustamante		
1B	5,548,722	8/20/96	Jalalian et al.		
1C	5,594,731	1/14/97	Reissner		
1D	5,611,050	3/11/97	Theimer et al.		
1E	5,659,596	8/19/97	Dunn		
1F	5,684,959	11/4/97	Bhat et al.		
1G	5,687,320	11/11/97	Wiley et al.		
1H	5,790,536	8/4/98	Mahany et al.		
1I	5,793,975	8/11/98	Zeldin		
1J	5,812,865	9/22/98	Theimer et al.		
1K	5,862,404	1/19/99	Onaga		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION
1L						YES NO
1M						
1N						
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1P						

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER	DATE CONSIDERED

## PATENT APPLICATION

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
10012346-1		
APPLICANT		
Robert E. Haines		
FILING DATE	GROUP	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1A	5,920,698	7/6/99	Ben-Michael et al.		
1B	5,942,984	8/24/99	Toms et al.		
1C	6,003,074	12/14/99	Vasconcellos		
1D	6,038,600	3/14/00	Faulk, Jr. et al.		
1E	6,061,505	5/9/00	Pitchaikani et al.		
1F	6,067,093	5/23/00	Grau et al.		
1G	6,084,867	7/4/00	Meier		
1H	6,108,702	8/22/00	Wood		
1I	6,151,624	11/21/00	Teare et al.		
1J	6,151,631	11/21/00	Ansell et al.		
1K	6,201,611	3/13/01	Carter et al.		

## FOREIGN PATENT DOCUMENTS

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1L							
1M							
1N							
1O							
1P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

## PATENT APPLICATION

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FORM PTO-1449		ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
		10012346-1		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT		
		Robert E. Haines		
(Use several sheets if necessary)		FILING DATE	GROUP	

## REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
1A	6,216,087	4/10/01	Want et al.		
1B					
1C					
1D					
1E					
1F					
1G					
1H					
1I					
1J					
1K					

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